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PTO/SB/17 (10-01)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$ 400

Complete if Known

Application Number	09/816,148
Filing Date	03/26/2001
First Named Inventor	E. D. Thomas III
Examiner Name	Christine K. Oda
Group Art Unit	7420
Attorney Docket No.	NC 79,597

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number  
50-0281

Deposit Account Name  
Naval research laboratory

Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

Applicant claims small entity status,  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Description  
Code (\$ Code (\$)

101 740 201 370 Utility filing fee

Fee Paid

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

**SUBTOTAL(1) (\$)**

### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20 = -20	x	= 0
Independent Claims	- 3" = -3	x	= 0
Multiple Dependent			

Large Entity Small Entity

Fee Fee Fee Fee Description  
Code (\$ Code (\$)

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 \*\* Reissue independent claims  
over original patent

110 18 210 9 Reissue claims in excess of 20  
and over original patent

**SUBTOTAL (2) (\$ 0**

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for ex parte reexamination	
112 920* 112 2 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 400 216 200		Extension for reply within second month	
117 920 217 460		Extension for reply within third month	
118 1,440 218 720		Extension for reply within fourth month	
128 1,960 228 980		Extension for reply within fifth month	
119 320 219 160		Notice of Appeal	
120 320 220 160		Filing a brief in support of an appeal	
121 280 221 140		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,280 241 640		Petition to revive - unintentional	
142 1,280 242 640		Utility issue fee (or reissue)	
143 460 243 230		Design issue fee	
144 620 244 310		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50.123 50		Processing fee under 37 CFR 1.17(c)	
126 180 126 180		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	
146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))	
179 740 279 370		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3) (\$ 400.00</b>	

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone
Signature		Date	11/13/02	

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Docket NC 79,597  
Inventors: Lucas et al.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Thomas et al.
Application No.	09/816,148
Filed	March 26, 2001
Title	CORROSION SENSOR
Group/Art Unit	2858
Examiner	Christine K. Oda
Docket No.	NC 79,597

November 13, 2002

AMENDMENT IN RESPONSE TO  
OFFICE ACTION

Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

In connection with the above-identified application, applicants authorize charging the \$400.00 fee for a 2-month extension of time to Deposit Account No.50-0281, thereby extending the period for response from September 13, 2002 to November 13, 2002.

In response to the Office Action of June 25, 2002, applicants submit the following amendment and remarks.

Please amend the application as follows:

In the Abstract:

Attached is a copy of the amended abstract, on a separate sheet, as required by 37 CFR 1.72(b).

In the Specification:

Please replace the paragraph beginning at page 1, line 1, with the following rewritten paragraph:

*f* -- The present invention relates to a corrosion monitoring system, which is used to provide an overall assessment of the materials degradation and the condition of protective coatings in a tank structure

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11/14/2002  
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